

## MARKED UP VERSION OF THE CLAIMS

1. (currently amended) A method for treating a thyroid disorder, the method comprising the step of direct administration of a botulinum toxin to the thyroid of a patient, thereby treating a thyroid disorder.
  2. (cancelled).
  3. (currently amended) The method of claim 2~~1~~, wherein the thyroid disorder treated is hypothyroidism.
  4. (cancelled).
  5. (currently amended) The method of claim 4~~11~~, wherein the thyroid disorder treated is hyperthyroidism.
  6. (currently amended) The method of claim 1, wherein the botulinum toxin is administered in an amount of between ~~about~~  $10^{-3}$  U/kg of patient weight and ~~about~~ 35 U/kg of patient weight.
  7. (previously amended) The method of claim 1, wherein the botulinum toxin is made by a Clostridial bacterium.
  8. (previously cancelled).
  9. (original)The method of claim 1, wherein the botulinum toxin is selected from the group consisting of botulinum toxin types A, B, C<sub>1</sub>, D, E, F and G.
  10. (previously amended) The method of claim 1, wherein the botulinum toxin is botulinum toxin type A.
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11. (currently amended) A method for treating a thyroid disorder, the method comprising the step of direct administration of a therapeutically effective amount of a botulinum toxin to a sympathetic ganglion which innervates the thyroid of a patient, thereby treating a thyroid disorder.

12. (original) The method of claim 11, wherein the botulinum toxin is selected from the group consisting of botulinum toxin types A, B, C<sub>1</sub>, D, E, F and G.

13 to 20. (previously cancelled).